

Ceteareth-20

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

Revision Date: 12-Aug-2026
Supersedes: 10-Oct-2025

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Ceteareth-20	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Ceteareth-20	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	68439-49-6	Web:	www.makingcosmetics.com
Formula:	No data available		
Product Form:	Solid		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification:	Eye Dam./Irrit. 2B Serious eye damage/eye irritation. Aquatic Acute 2 Hazardous to the aquatic environment (acute)		
GHS Signal Word:	WARNING!		
GHS Hazard Pictograms:	None.		
GHS Hazard Statements:	H302: Harmful if swallowed. H318: Causes serious eye damage. H401: Toxic to aquatic life.		
GHS Precautionary Statements:	P273: Avoid release to the environment. P264: Wash contaminated body parts thoroughly after handling. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical attention. P501 Dispose of contents/container in accordance with local regulations.		
Non-Classified Hazards:	No specific dangers known, if the regulations/notes for storage and handling are considered.		
Potential Health Hazards:	Eyes: Causes serious eye damage and irritation. Inhalation: May be an irritant. Skin: May be an irritant. Ingestion: May cause nausea, vomiting or diarrhea.		
NFPA Ratings (704):	Health	1	Slight
	Flammability	1	Slight
	Reactivity	0	Minimal
	Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Ceteareth-20	68439-49-6	≥80 - ≤100%	Not Available

4 FIRST AID MEASURES

Eyes:	Wash affected eyes for at least 15 minutes under running water with eyelids held open. Do not rub eyes; mechanical action may cause corneal damage. Immediate medical attention is required.
Inhalation:	Remove victim to fresh air and away from exposure immediately. If breathing has stopped, administer artificial respiration. Immediate medical attention required.
Skin:	After contact with skin, wash immediately with plenty of water and soap. Seek medical attention if necessary.
Ingestion:	Immediately rinse mouth and then drink 200-300 ml of water. Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Seek medical attention.
Physician	No hazard is expected under intended use and appropriate handling. Treat according to symptoms

Notes: (decontamination, vital functions), no known specific antidote.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustible at high temperature. Use appropriate media (water spray, dry powder, foam) for adjacent fire. Do not use carbon dioxide as an extinguisher.

Special protective equipment & precautions for firefighters: Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots. Harmful vapors and evolution of fumes/fog may arise from fire. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Flash Points: 249-251°C (480-483°F)

Specific hazards arising from the chemical: Harmful vapors, evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.

Environmental precautions: Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.

Methods and material for containment and cleaning up: Pick up with suitable appliance and dispose of. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling: Take precautionary measures against static discharges. Avoid all sources of ignition: heat, sparks, open flame. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.

Conditions for safe storage, incl. any incompatibilities: Suitable materials for containers include: Stove-lacquer EHD0022, Stove-lacquer R 78433, High density polyethylene (HDPE). Keep container tightly closed in a cool, dry place. Storage temperature should be ≤ 30°C (86°F). Protect from temperatures above 35°C (95°F). The product melts above 35°C (95°F). No changes of the product specification are expected. Product is not frost or heat sensitive. Store away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	Exposure Limits	Basis	Entity
Cetareth-20	Not available		

TWA: Time Weighted Average over 8 hours of work.
 TLV: Threshold Limit Value over 8 hours of work.
 REL: Recommended Exposure Limit
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
 IDLH: Immediately Dangerous to Life or Health
 WEEL: Workplace Environmental Exposure Levels
 CEIL: Ceiling

Personal Protection:

Eyes: Wear safety glasses with side-shields.

Inhalation: Wear an air purifying mask/dust respirator if dust is formed.

Body: Wear rubber protective gloves and full protective clothing.

Other: Ensure adequate ventilation. Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Pastilles, microbeads	Vapor Pressure:	Not applicable
Odor:	Slight odor	Vapor Density:	Not applicable
Odor Threshold:	Not applicable	Evaporation Rate:	Product is a non-volatile solid
Color:	White to light yellow	Flammability:	Not flammable
Molecular Weight:	No data available	Upper/lower Explosive Limit:	For solids not relevant for classification and labelling
pH at 20°C:	6.0 - 7.5	Flash Point:	249-251°C (480-483°F)

Boiling Point:	Not determined	Specific Gravity:	No data available
Freezing Range:	39.0 - 42.0 °C	Water Solubility:	Soluble, gel formation
Density at 70 °C:	0.9 - 1.0 g/cm ³	Solubility (Qualitative):	Soluble, forms a gel solvents: distilled water
Bulk Density:	610 kg/m ³	Self-Ignition Temperature:	Keep away from heat, spark, and open flames
Partition Coefficient: n-octanol/water:	Not determined	Thermal Decomposition:	No decomposition if stored and handled as indicated.
Dynamic Viscosity:	N/A, product is a solid	Explosive Properties:	No data available
Oxidizing Properties:	Not fire-propagating	Metal Corrosion:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	No hazardous reactions if stored and handled as prescribed/indicated.
Chemical Stability:	The product is stable if stored and handled as prescribed/indicated.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	Avoid static discharges and all sources of ignition such as, heat, sparks, open flame.
Incompatible Materials:	No substances known that should be avoided.
Hazardous Decomposition Products:	No hazardous decomposition products if stored and handled as prescribed/indicated.
Possible Hazardous Reactions:	Reacts with oxidizing agents. Reacts with bases. Reacts with strong acids.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Virtually nontoxic after a single ingestion.
Skin:	(Rabbit) Result: Non-irritant. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.
Eyes:	(Rabbit) Result: Irritating. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.
Inhalation:	No data available.
Ingestion:	(Rat) LD50: > 2,000 mg/kg.
Routes of Entry:	Dermal contact and ingestion. Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.
Carcinogenicity:	The chemical structure does not suggest a specific alert for such an effect.
Teratogenicity:	No data was available concerning toxicity to development.
Germ Cell Mutagenicity:	The chemical structure does not suggest a specific alert for such an effect. Genetic toxicity in vitro: OECD Guideline 471 Ames-test Salmonella typhimurium: negative.
Specific Target Organ Toxicity:	Based on available data, the classification criteria are not met.
Reproductive Toxicity:	The chemical structure does not suggest a specific alert for such an effect.
Sensitization:	There is no evidence of a skin-sensitizing potential.
Aspiration Hazard:	No aspiration hazard expected.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	Acutely toxic for aquatic organisms.
Aquatic Vertebrate:	(Leuciscus idus) LC50: > 1 - 10 mg/l (DIN EN ISO 7346-2).
Aquatic Invertebrate:	No data available.
Terrestrial:	(Bacterium) EC0: > 100 mg/l (OECD Guideline 209).
Persistence and Degradability:	Readily biodegradable (according to OECD criteria).
Bioaccumulative Potential:	No data available.
Mobility in Soil:	Not applicable.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	No data available.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.
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Product Containers: Uncontaminated packaging can be re-used. Packs that cannot be cleaned should be disposed of in the same manner as the contents. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not classified as a dangerous good under transport regulations.
TDG (Transportation of Dangerous Goods, Canada):	No data available.
IMDG (International Maritime Dangerous Goods):	Not classified as a dangerous good under transport regulations.
IATA (International Air Transport Association):	Not classified as a dangerous good under transport regulations.
ICAO (International Civil Aviation Organization):	Not classified as a dangerous good under transport regulations.

15 REGULATORY INFORMATION

TSCA Inventory Status:	Cosmetic: released/exempt. Chemical: released/listed.
EPCRA 311/312 Hazards:	Eye Dam./Irrit. 2B Serious eye damage/eye irritation. Aquatic Acute 2 Hazardous to the aquatic environment (acute).
CERCLA:	Methanol (67-56-1), 5000 lbs. Acetaldehyde (75-07-0), 1000 lbs. 1,4-dioxane (123-91-1), 100 lbs. Ethylene Oxide 75-21-8, 10 lbs.
California Prop. 65:	This product can expose you to chemicals including ETHYLENE OXIDE, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov

16 OTHER INFORMATION

Revision Date:	12-Aug-2026
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer:	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.